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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

## Complete if Known

Application Number 09/986,426  
Filing Date November 8, 2001  
First Named Inventor Randal J. KIRK, et al  
Group Art Unit 1651  
Examiner Name To Be Assigned  
Attorney Docket Number 54719.000011

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DFW	U1	3,846,399		Hirschmann et al.	11/05/74	
DFW	U2	4,040,907		Ullman et al.	08/09/77	
DFW	U3	4,356,166		Peterson et al.	10/26/82	
DFW	U4	4,399,121		Albarella et al.	08/16/83	
DFW	U5	4,552,864		Antoni et al.	11/12/85	
DFW	U6	4,863,735		Kohn et al.	09/05/89	
DFW	U7	4,976,962		Bichon et al.	12/11/90	
DFW	U8	5,087,616		Myers et al.	02/11/92	
DFW	U9	5,238,714		Wallace et al.	08/24/93	
DFW	U10	5,534,496		Lee et al.	07/09/96	
DFW	U11	5,762,909		Uzgiris	06/09/98	
DFW	U12	5,767,227		Latham et al.	06/16/98	
DFW	U13	5,846,743		Janmey et al.	12/08/98	
DFW	U14	5,851,536		Yager et al.	12/22/98	
DFW	U15	5,882,645		Toth et al.	03/16/99	
DFW	U16	5,910,569		Latham et al.	06/08/99	
DFW	U17	5,948,750		Garsky et al.	09/07/99	
DFW	U18	5,952,294		Lazo et al.	09/14/99	
DFW	U19	5,977,163		Li et al.	11/02/99	
DFW	U20	6,030,941		Summerton et al.	02/29/00	
DFW	U21	6,306,993	B1	Rothbard et al.	10/23/01	
DFW	U22	5,073,641		Bundgaard et al.	12/17/91	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DFW	F1	WO	97/36616		Seymour et al.	10/09/97		

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Sheet 2 of 4

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Application Number 09/986,426  
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## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DFW	P1	ORTEN, James M. et al., "Thyroxine," <i>Human Biochemistry</i> , 9 <sup>th</sup> Ed., C.V. Mosby Company, St. Louis, pp. 401-405 (1975).	
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DFW	P8	GUO, Ailan, et al., "Interactions of a Nonpeptidic Drug, Valacyclovir, with the Human Intestinal Peptide Transporter (hPEPT1) Expressed in a Mammalian Cell Line," <i>Journal of Pharmacology and Experimental Therapeutics</i> , 289(1):448-454 (1999).	
DFW	P9	BURNETTE, Thimysta C., et al., "Metabolic Disposition of the Acyclovir Prodrug Valacyclovir in the Rat," <i>Drug Metabolism and Disposition</i> , 22(1):60-64 (1994).	
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DFW	P11	ZUNINO, Franco, et al., "Comparison of Antitumor Effects of Daunorubicin Covalently Linked to Poly-L-Amino Acid Carriers," <i>European Journal of Cancer &amp; Clinical Oncology</i> , 20(3):121-125 (1984).	
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DFW	P15	TAMAI, I., et al., "Improvement of L-dopa Absorption by Dipeptidyl Derivation, Utilizing Peptide Transporter PepT1," <i>J. Pharma. Sci.</i> , 87(12):1542-1546 (1988), Abstract.	

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Sheet 3 of 4

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Filing Date	November 8, 2001
First Named Inventor	Randal J. KIRK, et al.
Group Art Unit	1651
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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DFW	P16	OH, D.M., et al., "Drug Transport and Targeting. Intestinal Transport," <i>Pharma Biotechnol.</i> 12:59-88 (1999), Abstract.	
DFW	P17	BALIMANE, P., et al., "Effect of Ionization on the Variable Uptake of Valacyclovir via the Human Intestinal Peptide Transporter (hPEPT1) in CHP cells," <i>Biopharm Drug Dispos.</i> 21(5):165-174 (2000), Abstract.	
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DFW	P23	HAN, H.K., et al., "Cellular Uptake Mechanism of Amino Acid Ester prodrugs in Caco-2hPEPT1 Cells Overexpressing a Human Peptide Transporter," <i>Pharm Res</i> , 15(9):1382-1386 (1998), Abstract.	
DFW	P24	SHIRAGA, T., et al., "Cellular and Molecular Mechanisms of Dietary Regulation on Rat Intestinal H+/Peptide Transporter PepT1," <i>Gastroenterology</i> , 116(2):354-362 (1999), Abstract.	
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DFW	P26	AMIDON, G.L., et al., "5'-Amino Acid Esters of Antiviral Nucleosides, Acyclovir, and AZT are Absorbed by the Intestinal PEPT1 Peptide Transporter," <i>Pharm Res</i> , 16(2):175 (1999), Abstract.	
DFW	P27	LEIBACH, F.H, et al., "Peptide Transporters in the Intestine and the Kidney," <i>Annu Rev Nutri</i> , 16:99-119 (1996), Abstract.	
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DFW	P30	NEGISHI, Naoki, et al., "Coupling of Naltrexone to Biodegradable Poly ( $\alpha$ -Amino Acids)," <i>Pharmaceutical Research</i> , 4(4):305-310 (1987).	

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*Deborah K. Wang*

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